

means for collecting second data representative of a second flow velocity of the substance at a second location in the sewer network; and

means for determining a travel time corresponding to a time required for the substance to travel between the first location and the second location, using the first data, the second data, and a constant,

wherein the means for determining does not require additional data relating to a distance or characteristics of the sewer network.

25. (New) The apparatus of claim 24, further comprising:

means for detecting a first flow volume at the first location at a first time;

means for detecting a second flow volume at the second location at a second time, the second time being a function of the first time and the travel time; and

means for transmitting, via at least one communications link, the first flow volume and the second flow volume to the determining means,

wherein the determining means is further configured to determine a net flow corresponding to a difference between the second flow volume and the first flow volume.

26. (New) The apparatus of claim 24 wherein the determining means is further configured to divide the constant by a sum or an average of the first data and the second data.

27. (New) The apparatus of claim 24 wherein the constant corresponds to historic flow volume data corresponding to the first location and historic flow volume data corresponding to the second location, each of said historic flow volume data relating to a plurality of time increments.

28. (New) The apparatus of claim 24, further comprising a means for developing a distribution of first flow volume data over a period of time and a distribution of second flow volume data over the period of time, and wherein the constant corresponds to a goodness of fit test performed on the distributions.

29. (New) The apparatus of claim 28, wherein the goodness of fit test comprises a Kolmogorov-Smirnov test.

30. (New) The apparatus of claim 28, wherein the goodness of fits test comprises a Pearson's chi-square test.

31. (New) The apparatus of claim 30, wherein the constant corresponds to a Pearson's correlation coefficient.

32. (New) The apparatus of claim 24 wherein the determining means is integral with a flow meter that is located at the first location or the second location.